



All Exp Mtg
Feb 2. 2009

NuMI-MINOS Status Report – Bob Zwaska

NEAR DETECTOR:

- Last Wednesday's shutdown
 - Groundwater work – clear out recirculation valves
 - Modest cooling improvement
 - Magnet PS work – replace transformers
 - Windings are degrading due to heating
 - Power supply is tapped an un-optimal operating point
 - We are considering alternatives to improve situation
 - Replace 2 noisy PMTs in detector
 - Reduced noise and false data rate
 - 1 had to be replaced a second time, so data overnight was flagged as a test run
 - Present set of spare PMTs come from calibration detector – some are DOA
- Magnetic field turned FORWARD as of today

Proton-weighted Live-time:

Week 1: 88.10%



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FAR DETECTOR:

- DAQ Problems on Wednesday
 - Lost 1 ROP (Read Out Processor)
 - 1 spare found to be faulty
 - Soudan spare inventory now at 1 (or 0)
 - Fermilab spares are *en route*
- Additional instrumentation on above-ground chiller
 - Allows notification of problems on off-hours
 - Reminder: we don't have off-hours underground access

Proton-weighted Live-time: 99.79 %

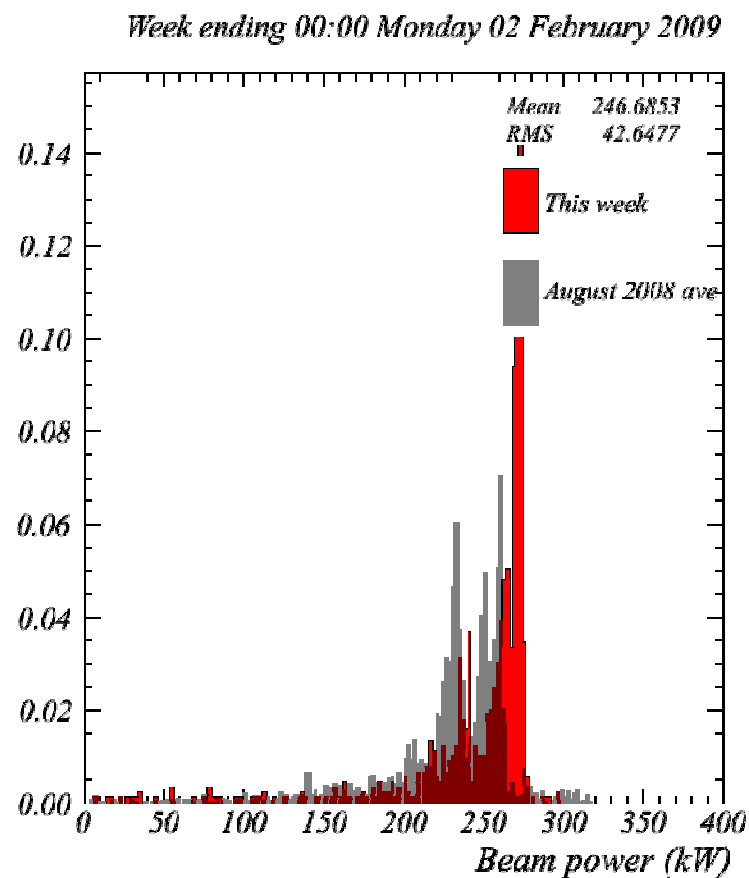
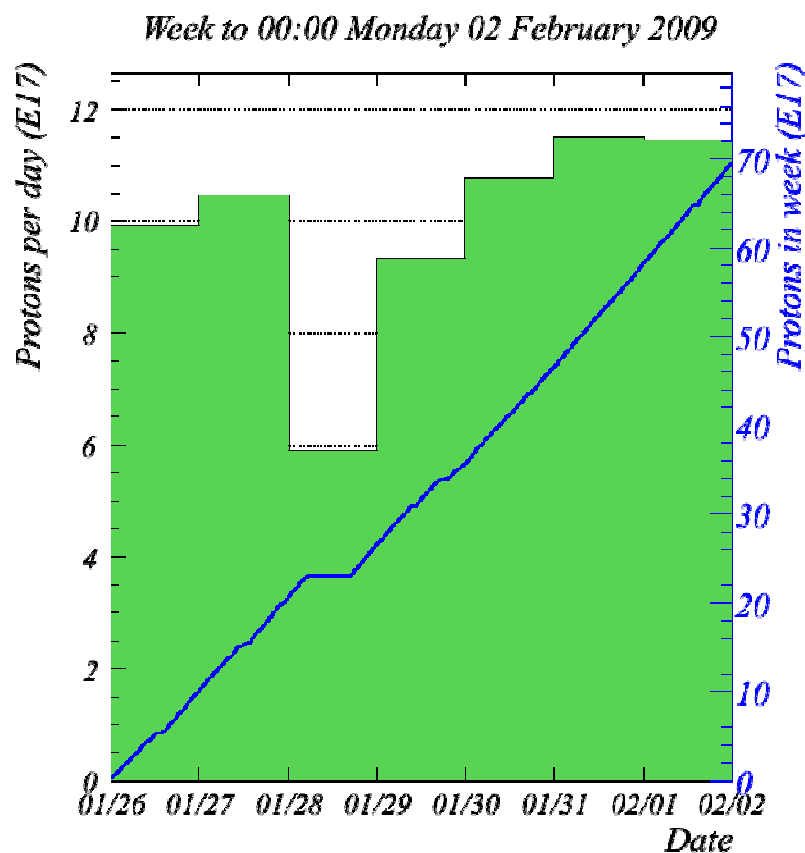
Wall-clock Live-time: 95.51 %



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- 69e17 protons for the week
- Very good beam power
- Beam ran well except for Wednesday shutdown and linac trouble
- 2 radtrips on Thursday (1 more today)
 - PS regulation and MI RF

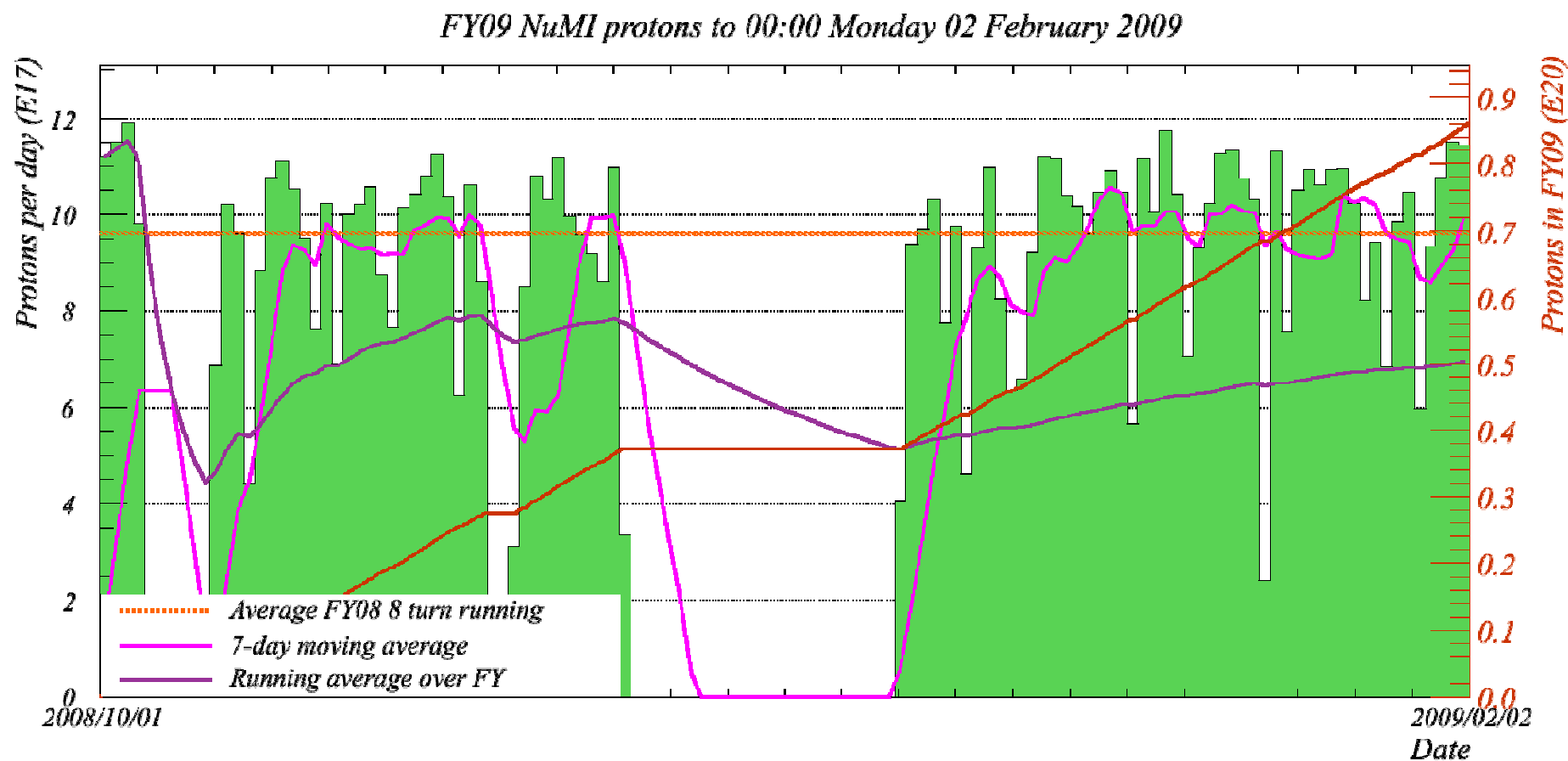




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- Fiscal year





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- Entire Run

Total NuMI protons to 00:00 Monday 02 February 2009

